



# NASA Presentation at TGIR 2002

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## Scope of NASA's Resources

- ~ \$ 1.4B/yr focused on Advanced Technology  
~1200 projects in ~75 technology areas
- ~11,000 scientists and engineers
- Many (~100's) active or completed partnerships with Industry/Labs/Universities

Most with Small - Medium Businesses

Each tailored to unique purpose easily & quickly

R&D focused around business & mission needs

- Supports the Five NASA Enterprises
  - Aerospace Technology
  - Biological and Physical Research
  - Earth science
  - Human Exploration & Development of Space
  - Space Science



## **New Commercial Technology Mission Elements**

### **Support to NASA Enterprises**

- Leverage technologies and resources from academia and industry
- Foster market driven technology suppliers for our future missions
- Use life cycle approach to technology development and commercialization

### **Support for National Priorities and NASA Missions**

- Seek opportunities to partner with other Agencies
- Focus on major initiatives

### **Contribute to the Nation's Technology Innovation and Readiness**

- Promote U.S. industry awareness of our market relevant technology and our ability to protect IP
- Contribute to U. S. economic security and quality of life



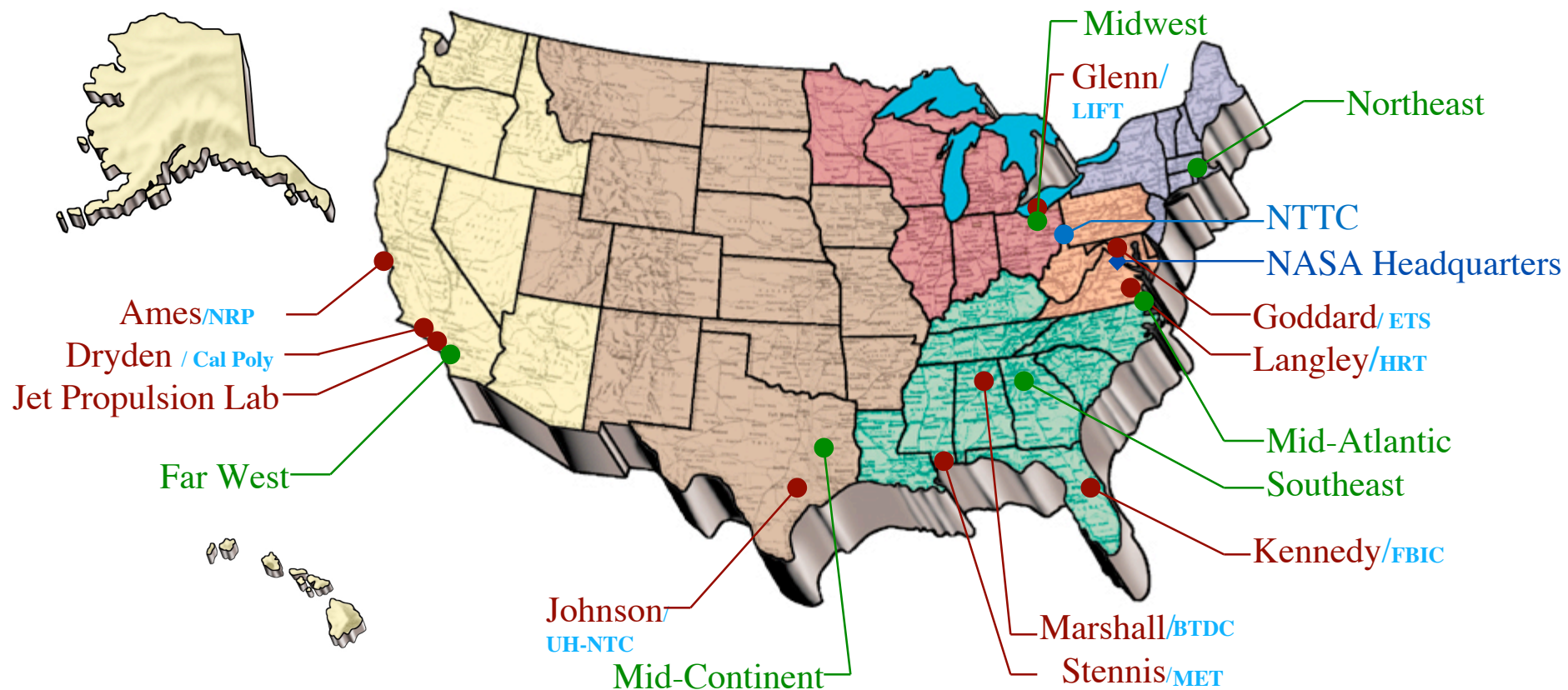
# NASA Commercial Technology Network

10 NASA Field Centers

6 RTTCs

9 Technology Incubators

NTTC



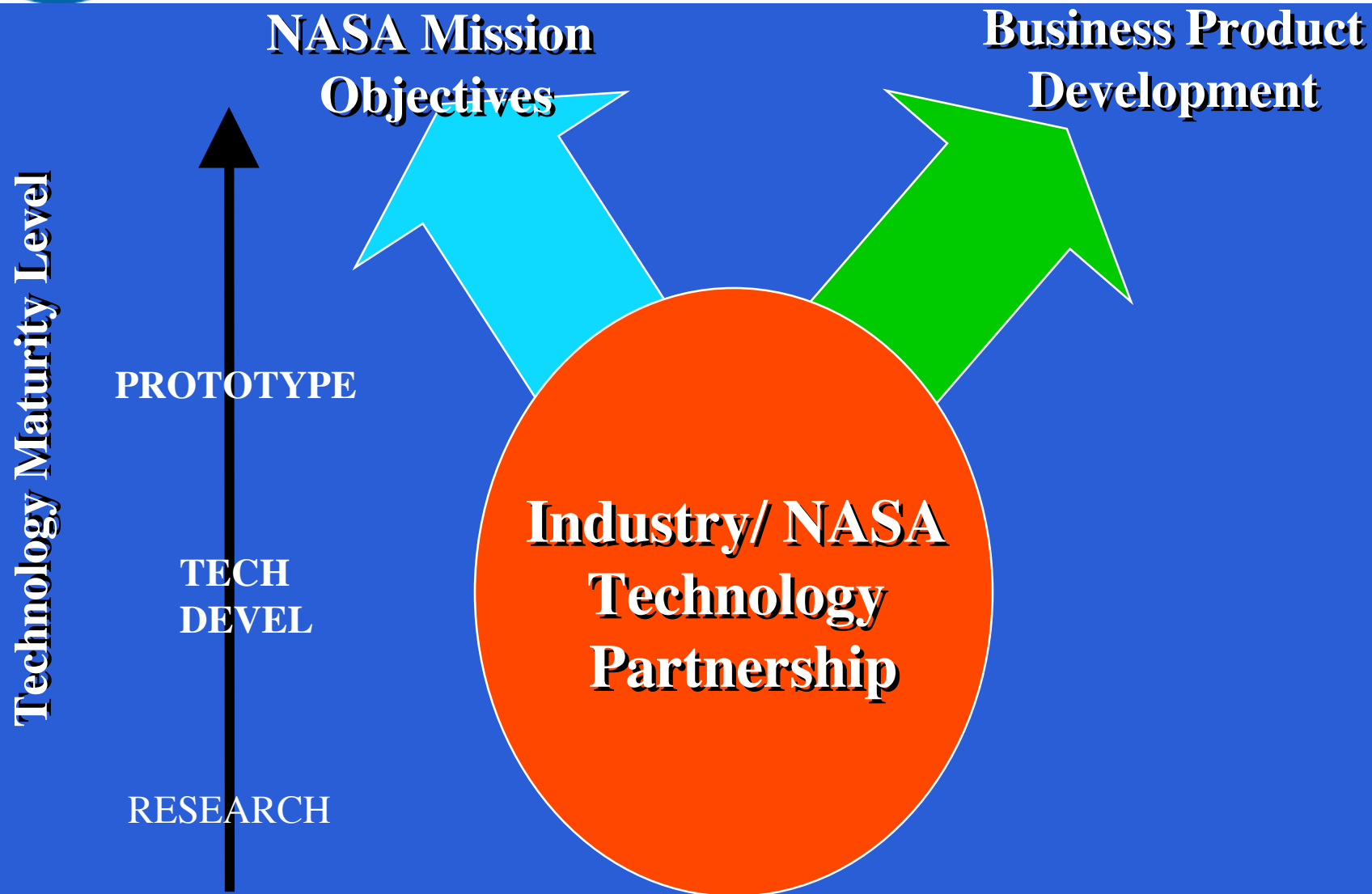


# Partnership Strategy & Rationale

**Focus on industry sectors that map well to NASA core capabilities and technology investments, and support Enterprise Missions**

- R&D Cost sharing between Industry and NASA**
- Accelerating development of new technologies for market application and NASA mission need**
- Infusion of commercially available technology into NASA missions**
- Leverage of Industry and NASA Technical Expertise**
- Maximize Economic Impact of NASA technology**

**Technology Partnerships with Industry are the Goal**





# NASA Partnership Opportunities

- Cooperative Agreements
- Licensing
- Sponsored Research Initiatives
- Joint Sponsored Research Agreements
- Shared resources



# NASA TECHNOLOGY BRIEFINGS

- **NASA/ARC Research Park**
- **Opportunities with the Investment community**
- **Example of commercial application of NASA/Industry technology in Commercial Markets**